

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 3 of 3 returned.**

- ☒ 1. Document ID: US 4753844 A Relevance Rank: 52

L3: Entry 1 of 3 File: USPT Jun 28, 1988

US-PAT-NO: 4753844

DOCUMENT-IDENTIFIER: US 4753844 A

TITLE: Disposable semi-moist wipes

DATE-ISSUED: June 28, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jones; Jack D.	Guttenberg	NJ	N/A	N/A
Gandhi; Ashwin	Toms River	NJ	N/A	N/A
Girgis; Arlette	Kearney	NJ	N/A	N/A

US-CL-CURRENT: 442/165; 442/170

ABSTRACT:

A disposable article for interim cleaning of hard surfaces comprises a non-woven substrate, carrying an aqueous cleaning composition loaded onto the substrate at a level less than about 85%, preferably less than 75%, of its absorbence capacity. The aqueous composition comprises: optionally, one or more nonionic surfactants, one or more anionic surfactants or mixture of nonionic and anionic surfactants; a water miscible solvent for oils, (preferably a low molecular weight alcohol or N-methyl-2-pyrrolidone); and an alkalinity agent, such as ammonium hydroxide, in sufficient amount to maintain the pH of the extracted solution within the range of 8 to 12. The non-woven substance is preferably a non-chemically bonded fibrous material.

33 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	------------	-------

- ☐ 2. Document ID: US 3711884 A Relevance Rank: 49

L3: Entry 3 of 3

File: USPT

Jan 23, 1973

US-PAT-NO: 3711884

DOCUMENT-IDENTIFIER: US 3711884 A

TITLE: CLEANING AND POLISHING CLOTH

DATE-ISSUED: January 23, 1973

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Feig; Peter Franz	D638 Ober-Eschbach	N/A	N/A		DT

US-CL-CURRENT: 15/104.93; 300/21

ABSTRACT:

This invention comprises a cleaning and polishing cloth for use on glass, plastic, enamel and lacquer surfaces. This cleaning and polishing cloth consists essentially of a cloth carrier to which a polishing and cleaning agent is bound by means of a binding agent. These polishing and cleaning agents are preferably porous oxide gels, preferably a synthetic alumina or silica gel having a particle volume of 0.8 to 2.9 m.sup.3 /gm, and a particle size spectrum in the range of about 1.5 to 60 microns. This polishing and cleaning cloth does not mar scratch-sensitive surfaces.

10 Claims, 0 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWOC	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	------------	-------

☐ 3. Document ID: US 4725489 A Relevance Rank: 49

L3: Entry 2 of 3

File: USPT

Feb 16, 1988

US-PAT-NO: 4725489

DOCUMENT-IDENTIFIER: US 4725489 A

TITLE: Disposable semi-moist wipes

DATE-ISSUED: February 16, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jones; Jack D.	Guttenberg	NJ	N/A	N/A
Gandhi; Ashwin	Roselle Park	NJ	N/A	N/A
Girgis; Arlette	Kearny	NJ	N/A	N/A

US-CL-CURRENT: 442/121; 442/123, 442/153, 442/165

ABSTRACT:

A disposable article for light cleaning of hard surfaces comprises a non-woven substrate, preferably of cellulosic or cellulose-containing material, carrying an aqueous cleaning composition loaded onto the substrate at a level less than about 75%, preferably less than 50%, of its maximum absorbence capacity. The aqueous composition comprises one or more nonionic surfactants, one or more anionic surfactnats or a mixture of nonionic and anionic surfactants, a water miscible solvent for oils, (preferably a low molecular weight alcohol), and an alkalinity agent such as ammonium hydroxide in sufficient amount to maintain the pH of the extracted solution within the range of 8 to 12.

29 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

Terms	Documents
(3711884 or 4753844 or 4725489)[pn]	3

Display

50

Documents, starting with Document:

3

Display Format:

REV

Change Format

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 2 of 2 returned.**

- ☐
1. Document ID: US 6042655 A Relevance Rank: 99

L2: Entry 2 of 2 File: USPT Mar 28, 2000

US-PAT-NO: 6042655

DOCUMENT-IDENTIFIER: US 6042655 A

TITLE: Cylinder cleaning method

DATE-ISSUED: March 28, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hara; Akira	Tokyo	N/A	N/A	JPX
Onuma; Hiraku	Yokohama	N/A	N/A	JPX
Ichihara; Takashi	Komae	N/A	N/A	JPX

US-CL-CURRENT: 134/6; 101/423, 101/424, 101/425, 134/32,
134/33, 134/42

ABSTRACT:

A method of cleaning the outer surface of a cylinder by using a cleaning fabric intermittently fed from a supply, and engaged with and pressed against the outer surface of the cylinder. The method includes predetermining periods for each of which the cleaning fabric is engaged with the outer surface of the cylinder a time so that at least some of the periods are different in length from other periods in a cleaning cycle.

11 Claims, 13 Drawing figures Exemplary Claim Number: 1

Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	------------	-------

- ☐
2. Document ID: US 6101943 A Relevance Rank: 97

L2: Entry 1 of 2

File: USPT

Aug 15, 2000

US-PAT-NO: 6101943

DOCUMENT-IDENTIFIER: US 6101943 A

TITLE: Cylinder cleaning device and cleaning method

DATE-ISSUED: August 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hara; Akira	Tokyo	N/A	N/A	JPX
Onuma; Hiraku	Yokohama	N/A	N/A	JPX
Oyaizu; Hideo	Tokyo	N/A	N/A	JPX
Suzuki; Ryoza	Omiya	N/A	N/A	JPX

US-CL-CURRENT: 101/425; 101/423

ABSTRACT:

There is disclosed a device for cleaning the cylinder of a printing press with a cleaning fabric. The device comprises a pad including a surface opposed to the cylinder. The cleaning fabric is directed between the surface of the pad and the cylinder, the surface of the pad being at least partially uneven. The device further comprises means for moving the surface of the pad toward the cylinder so that the cleaning fabric is pressed against the cylinder by the pad to clean the cylinder.

4 Claims, 20 Drawing figures Exemplary Claim Number: 1
Number of Drawing Sheets: 5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

[Generate Collection](#)

Terms	Documents
detergent impregnated cleaning same (wipe or fabric or article)	2

[Display](#)

50

Documents, starting with Document:

2

Display Format: [REV](#)[Change Format](#)

 6. Document ID: US 5259759 A Relevance Rank: 93

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMCC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

7. Document ID: US 5976673 A Relevance Rank: 93

US-PAT-NO: 5976673

DOCUMENT-IDENTIFIER: US 5976673 A

TITLE: Ink-jet printing cloth, ink-jet printing process and print

DATE-ISSUED: November 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Aoki; Makoto	Yokohama	N/A	N/A	JPX

US-CL-CURRENT: 428/195; 347/105, 347/106, 442/118, 442/152, 442/79, 442/82

ABSTRACT:

Disclosed herein is an ink-jet printing cloth comprising a thickening surfactant in an amount of from 0.1 to 30% by weight and an aqueous auxiliary for thickening the thickening surfactant in an amount of from 0.1 to 30% by weight, based on the weight of the cloth, respectively.

21 Claims, 5 Drawing figures Exemplary Claim Number: 1
Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

Terms	Documents
3711884	7

Display

50

Documents, starting with Document:

7

Display Format:

REV

Change Format

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 7 of 7 returned.**

- ☐ 1. Document ID: US 3711884 A Relevance Rank: 99

L4: Entry 7 of 7 File: USPT Jan 23, 1973

US-PAT-NO: 3711884

DOCUMENT-IDENTIFIER: US 3711884 A

TITLE: CLEANING AND POLISHING CLOTH

DATE-ISSUED: January 23, 1973

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Feig; Peter Franz	D638 Ober-Eschbach	N/A	N/A		DT

US-CL-CURRENT: 15/104.93; 300/21

ABSTRACT:

This invention comprises a cleaning and polishing cloth for use on glass, plastic, enamel and lacquer surfaces. This cleaning and polishing cloth consists essentially of a cloth carrier to which a polishing and cleaning agent is bound by means of a binding agent. These polishing and cleaning agents are preferably porous oxide gels, preferably a synthetic alumina or silica gel having a particle volume of 0.8 to 2.9 m.sup.3 /gm, and a particle size spectrum in the range of about 1.5 to 60 microns. This polishing and cleaning cloth does not mar scratch-sensitive surfaces.

10 Claims, 0 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

- ☒ 2. Document ID: US 4448704 A Relevance Rank: 93

L4: Entry 6 of 7 File: USPT May 15, 1984

US-PAT-NO: 4448704

DOCUMENT-IDENTIFIER: US 4448704 A

TITLE: Article suitable for wiping hard surfaces

DATE-ISSUED: May 15, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barby; Donald	Great Barrow	N/A	N/A	GB2
Clarke; David E.	Bromborough	N/A	N/A	GB2
Lloyd; John	Higher Bebington	N/A	N/A	GB2
Haq; Zia	Spital	N/A	N/A	GB2

US-CL-CURRENT: 15/104.93; 510/181, 510/182, 510/422, 510/424,
510/429, 510/434, 510/435, 510/476

ABSTRACT:

An article is disclosed which is suitable for wiping hard surfaces such as glass to give a streak-free finish. The article comprises a substrate (preferably paper or non-woven fabric) carrying a homogeneous aqueous composition having a surface tension below 45 mNm.sup.-1 and which on drying does not form discrete droplets or particles larger than 0.25 .mu.m. The liquid composition advantageously includes a (preferably nonionic) surface-active agent and a partially esterified resin such as a partially esterified styrene/maleic anhydride copolymer. The article may be wet (for example, coated or impregnated with the liquid composition) or dry up to the point of use (for example, the liquid may be within pressure-rupturable microcapsules). Preferably the article is produced by a process which includes prewashing the substrate to remove any potentially streak-forming impurities.

17 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	------------	-------

☐ 3. Document ID: US 4978359 A Relevance Rank: 93

L4: Entry 5 of 7

File: USPT

Dec 18, 1990

US-PAT-NO: 4978359

DOCUMENT-IDENTIFIER: US 4978359 A

TITLE: Prosthesis shaft

DATE-ISSUED: December 18, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Wilhelm; Klaus	Munich	N/A	N/A		DEX
Bauer; Johann	Munich	N/A	N/A		DEX
Schmitt; Werner	Starnberg	N/A	N/A		DEX
Herold; Wolf-Dietrich	Seefeld	N/A	N/A		DEX
Koran; Peter	Weilheim	N/A	N/A		DEX
Wanek; Erich	Seefeld	N/A	N/A		DEX
Gasser; Oswald	Seefeld	N/A	N/A		DEX

US-CL-CURRENT: 623/23.15

ABSTRACT:

For anchoring a prosthesis within a bone by means of a bone cement (32), prothesis shaft has a surface which is formed by the surfaces of a plurality of spheres (23 . . . 25) partially penetrating each other and having radii which decrease from the proximal towards the distal shaft end. The transitional zones between adjacent spheres (23 . . . 25) are concavely rounded. This shape is especially suited for use with a glass ionomer-type bone cement, because the shaft exerts substantially only compressive forces on the cement, whereas tensile and notch stresses, with respect to which this kind of cement exhibits little resistance, are largely avoided.

6 Claims, 6 Drawing figures Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 4. Document ID: US 5073111 A Relevance Rank: 93

L4: Entry 4 of 7

File: USPT

Dec 17, 1991

US-PAT-NO: 5073111

DOCUMENT-IDENTIFIER: US 5073111 A

TITLE: Anatomical restoration dental implant system

DATE-ISSUED: December 17, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Daftary; Fereidoun	Woodland Hills	CA	91367	N/A

US-CL-CURRENT: 433/173; 433/174

ABSTRACT:

A system and method is provided for implanting tooth analogues in the jawbone resulting in aesthetically and functionally desirable gingival tissue contours after restoration. The system permits modification and adaptation of the tooth analogue to meet intraoral demands in a manner similar to that used in the preparation and restoration of natural teeth. The system comprises a standard fixture and cover screw passed through opened gingival tissue and implanted in the jawbone. After the osseointegration of the fixture, the gingiva is reopened, the cover screw removed and a healing cap having a predetermined contour, is attached to the fixture. The reopened gingiva re-heals in a shape determined by the contour of the healing cap. The healing cap is then removed and replaced by an abutment having an emergence profile matching that of the healing cap. An immediate snug fit between the gingival tissues and the abutment is thereby provided at the time of connection of the abutment to the fixture. A crown is removably attached to the abutment by a screw extending through the side of the crown into the abutment.

24 Claims, 9 Drawing figures Exemplary Claim Number: 1
Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☒ 5. Document ID: US 5213588 A Relevance Rank: 93

L4: Entry 3 of 7

File: USPT

May 25, 1993

US-PAT-NO: 5213588

DOCUMENT-IDENTIFIER: US 5213588 A

TITLE: Abrasive wiping articles and a process for preparing such articles

DATE-ISSUED: May 25, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wong; Arthur	West Chester	OH	N/A	N/A
Mackey; Larry N.	Fairfield	OH	N/A	N/A
Franxman; James J.	Cincinnati	OH	N/A	N/A
Burchnall; John B.	West Chester	OH	N/A	N/A

US-CL-CURRENT: 51/293; 51/295, 51/298, 525/221

ABSTRACT:

Disclosed are abrasive wiping articles, e.g., nonwoven, preferably paper towels, which comprise an absorbant nonwoven substrate having printed thereon a cured scrubbing bead mixture which comprises a) certain carboxylated, ionically-charged polymeric abrasive particles, b) a carboxyl group-containing polymeric adhesive material, and c) an amino-epichlorohydrin, e.g., Kymene.RTM., cross-linking agent. The polymeric abrasive particles range in size from about 20 to 400 microns and have a Knoop hardness of from about 4 to 25. The polymeric adhesive material, upon curing, has a Knoop hardness of from about 0.5 to 17.

Preferred wiping articles of the foregoing type have a pattern of the scrubbing bead mixture printed onto from about 20% to 70% of the surface area of a paper substrate with the abrasive particles affixed to the substrate in such a manner that their exposed portion extends for a distance of from about 40 to 300 microns above the surface of the paper substrate. Wiping articles of this type are especially useful for removing soil and stain from hard surfaces with the polymeric scrubbing particles thereon being especially resistant to removal during use.

Also disclosed is a process for preparing abrasive wiping articles as hereinbefore described. Such a process involves printing a pattern of the scrubbing bead mixture onto the paper substrate, drying the printed substrate and then curing the solid components of the scrubbing bead mixture to affix the abrasive scrubbing particles to the substrate. Curing of the particular scrubbing bead mixture employed can take place at room temperature.

27 Claims, 10 Drawing figures Exemplary Claim Number: 1
Number of Drawing Sheets: 7